

REMARKS

Claims 21-42 are pending in this application with claims 21, 22, 24, 27, 28, 30-32 and 34 being amended by this response.

Objection to the Drawings

The Drawings stand objected to as not showing every feature specified in the claims. Applicant respectfully submits that all the features claimed in Claims 34-42 are clearly shown in Figures 1 and 2 and discussed in the associated description in the specification and thus no correction to the drawings is necessary.

Specifically, Figure 1 shows the system of claim 34 including a plurality of mobile communications devices (10, 12 and 14) and a communications network (30). The step of receiving information from the communications network is illustrated by the double ended arrows extending between the antennas of the communications devices (10, 12 and 14) and the transmitting antennas (20, 22) for the communications devices (10, 12 and 14). This is also described in the specification on page 4, lines 11-23. Receiving the detected information from the communications network via a broadcast link (50) is clearly shown in Figure 1 by the arrow indicating receipt of transmission by the communications device (10) from the communications network (30) via the transmitting antenna (52) and the DSS satellite 54. This is also fully discussed on Page 6, lines 7-15. Requesting information via the direct link is performed by using the keypad (116) illustrated in Figure 2 and discussed on Page 8, lines 4-10. Detecting of the requested information is performed by the broadcast interface (126) and microprocessor (118) as shown in Figure 2 and discussed on Page 9, line 3- Page 10, line 5 of the present application.

The telephone network and cellular telephone network claimed in claims 35 and 36 for receiving information is disclosed numerous times throughout the specification and is clearly illustrated in Figures 1 and 2. the use of the television broadcast network,

terrestrial television broadcast network and satellite broadcast network as claimed in claims 37-39 for receiving information via the broadcast link is also discussed throughout the specification and clearly illustrated in Figures 1 and 2. The transmitting of data to the communications network and receiving of data from the communications network claimed in claim 40 is also clearly illustrated in Figures 1 and 2 and discussed throughout the specification (see the double and single sided arrows extending between the communications device (10) and the antenna (20) and DSS satellite (54). Receiving the requested information via the broadcast link or direct link as claimed in claim 41 is clearly illustrated in Figure 2 by the mobile interface (120) and broadcast interface (126) and discussed in the corresponding description in the specification. Receiving data from the communications network via the direct link specifying that the requested information is being transmitted on a selected one of the plurality of channels of the broadcast link and if the requested information is transmitted via the broadcast link, receiving the requested information from the communications network via the selected channel of the broadcast link as claimed in claim 42 is clearly described in the specification on page 9, line 24-Page 10, line 5 and is also illustrated in Figures 1 and 2.

In view of the above remarks it is respectfully submitted that the limitations of claims 34-42 are clearly illustrated in Figures 1 and 2 and fully discussed in the specification. It is thus respectfully submitted that no new drawings are required and that this objection is satisfied and should be withdrawn.

Claims 21, 22, 24, 25, 34, 37 and 38 are rejected under 35 §102(b)

Claims 21, 22, 24, 25, 34, 37 and 38 are rejected under 35 U.S.C. §102(b) as being clearly anticipated by Villa-Real.

The present claimed invention recites a mobile communications device and a method for of operating a selected one of a plurality of mobile communications devices. The device includes a first interface for communicating information with a communications network via a direct link. A second interface receives information

from the communications network via a broadcast link. An adaptive device detects information requested via the first interface on the broadcast link and controls the device to receive information from the broadcast link via the second interface. Similar limitations are included in both independent device claim 21 and independent method claim 34.

Villa-Real discloses a programmable telephone system which includes a receiver for receiving AM/FM radio broadcasts and a receiver for receiving television broadcasts. Villa-Real neither discloses nor suggests "an adaptive device for detecting information requested via said first interface on the broadcast link" as in the present claimed invention. Villa-Real only discloses an integrated AM/FM radio with a tuning control knob. When turned on, the radio will receive a radio signal to which it is tuned. This radio signal may be transmitted to a phone receiver of a called party. Villa-Real neither discloses nor suggests requesting information and thus could not detect information on the broadcast link requested via the first interface (direct link) as in the present claimed invention. Additionally, Villa-Real neither discloses nor suggests "controlling said device to receive information from the broadcast link via said second interface" as in the present claimed invention. Villa-Real, as discussed above, includes an AM/FM radio for controlling and receiving radio broadcasts. In order to receive a radio broadcast, the power switch of the radio is placed in the on position. Villa-Real discloses the ability to receive television broadcasts when a television mode is selected.

In view of the above remarks and amendments to the claims it is respectfully submitted that the present claimed invention is not anticipated by Villa-Real. It is thus further respectfully submitted that this rejection is satisfied and should be withdrawn.

Claims 23, 26, 36 and 39 are rejected under 35 §103(a)

Claims 23, 26, 36 and 39 are rejected under 35 §103(a) as being unpatentable over Villa-Real in view of applicant admission of the prior art.

As discussed above, Villa-Real neither discloses nor suggests “an adaptive device for detecting information requested via said first interface on the broadcast link” as in the present claimed invention. Villa-real also neither discloses nor suggests “controlling said device to receive information from the broadcast link via said second interface” as in the present claimed invention. The admitted prior art also neither discloses nor suggests “an adaptive device for detecting information requested via said first interface on the broadcast link and controlling said device to receive information from the broadcast link via said second interface” as in the present claimed invention. As discussed in the specification of the present claimed invention, the present claimed invention is able to prevent overloading available bandwidth of the cellular network by providing an adaptive device within the mobile communications device which is able to detect when information requested via a direct link is being transmitted over a broadcast link and control the mobile communications device to receive the information via the broadcast link. Unlike the present claimed invention, prior art devices are unable to allow large numbers of requesting devices to receive information of widespread interest without overloading available bandwidth of the cellular telephone network.

In view of the above remarks and amendments to the claims it is respectfully submitted that the present claimed invention is not unpatentable in view of Villa-Real and the admitted prior art when taken alone or in any combination. It is thus further respectfully submitted that this rejection is satisfied and should be withdrawn.

Claims 27-33, 38 and 40-42 are rejected under 35 §103(a)

Claims 27-33, 38 and 40-42 are rejected under 35 USC §103(a) as being unpatentable over Villa-Real in view of Chan.

Chan discloses an information distribution and processing system. The system includes a remote site, a sender and a receiving apparatus. The sender provides a set of data to the receiving apparatus and a linking reference to the remote site. The linking

reference is used by the remote site to search for additional information and return requested information to the user. Similarly to Villa-Real, Chan neither discloses nor suggests "an adaptive device for detecting information requested via said first interface on the broadcast link" as in the present claimed invention. Chan also neither discloses nor suggests "controlling said device to receive information from the broadcast link via said second interface" as in the present claimed invention.

In view of the above remarks and amendments to the claims it is respectfully submitted that the present claimed invention is not unpatentable in view of Villa-Real and Chan when taken alone or in combination. It is thus further respectfully submitted that this rejection is satisfied and should be withdrawn.

Claims 34-42 are rejected under 35 §112, first paragraph

Claims 34-42 are rejected under 35 §112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed had possession of the claimed invention.

As discussed above with regards to the objection to the drawing, it is respectfully submitted that Figures 1 and 2 along with the corresponding description in the specification fully disclose the subject matter claimed in claims 34-42. In view of the arguments presented hereinbefore regarding the objection to the drawing it is respectfully submitted that this rejection is satisfied and should be withdrawn.

Having fully addressed the Examiner's rejections, it is believed that, in view of the preceding amendments and remarks, this application stands in condition for allowance. Accordingly then, reconsideration and allowance are respectfully solicited. If, however, the Examiner is of the opinion that such action cannot be taken, the Examiner is invited to contact the applicant's attorney at the phone number below, so that a mutually convenient date and time for a telephonic interview may be scheduled.

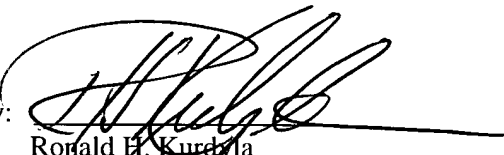
Application No. 09/757,315

Attorney Docket No. PU010014

No fee is believed due. However, if a fee is due, please charge the fee to
Deposit Account 07-0832.

Respectfully submitted,
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I hereby certify that this amendment is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to the Mail Stop Non-Fee Amendments, Hon. Commissioner of Patents, Box 1450, Alexandria, Virginia 22313-1450 on:

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